

Datasheet for ABIN3022740
anti-Peroxiredoxin 6 antibody (AA 1-224)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	Peroxiredoxin 6 (PRDX6)
Binding Specificity:	AA 1-224
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Peroxiredoxin 6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-224 of human Peroxiredoxin 6 (NP_004896.1).
Sequence:	MPGGLLLGDV APNFEANTTV GRIRFHDFLG DSWGILFSHP RDFTPVCTTE LGRAAKLAPE FAKRNVKLIA LSIDSVEDHL AWSKDINAYN CEEPTEKLPF PIIDDRNREL AILLGMLDPA EKDEKGMPVT ARVVFVFGPD KKLKLSILYP ATTGRNFDEI LRVVISLQLT AEKRVATPVD WKDGDSVMVL PTIPEEEAKK LFPKGVFTKE LPSGKKYLRY TPQP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

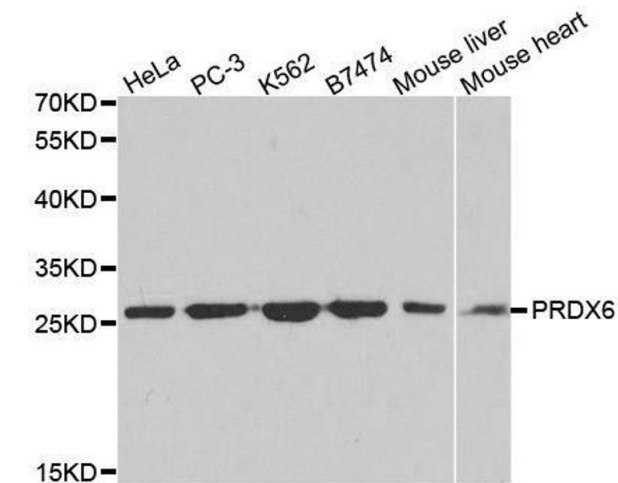
Target:	Peroxiredoxin 6 (PRDX6)
Alternative Name:	PRDX6 (PRDX6 Products)
Background:	<p>The protein encoded by this gene is a member of the thiol-specific antioxidant protein family. This protein is a bifunctional enzyme with two distinct active sites. It is involved in redox regulation of the cell, it can reduce H₂O₂ and short chain organic, fatty acid, and phospholipid hydroperoxides. It may play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury.,PRDX6,1-Cys,AOP2,HEL-S-128m,NSGPx,PRX,aiPLA2,p29,Cancer,Signal Transduction,Cell Biology & Developmental Biology,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,Lipid Metabolism,Immunology & Inflammation,Cardiovascular,Heart,Cardiovascular diseases,Heart disease,PRDX6</p>
Molecular Weight:	25 kDa
Gene ID:	9588
UniProt:	P30041

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

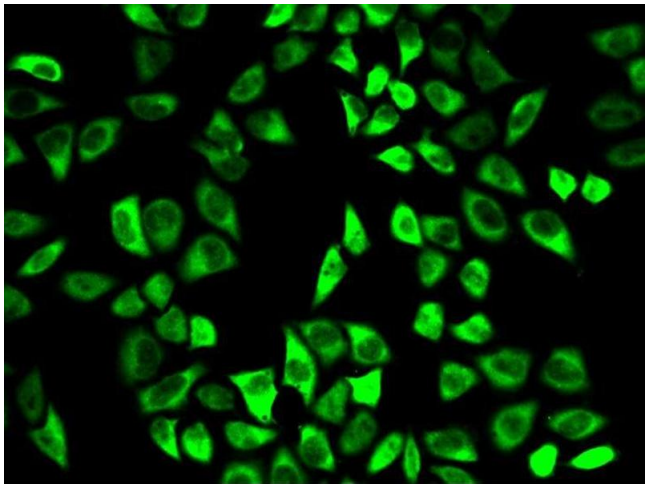
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



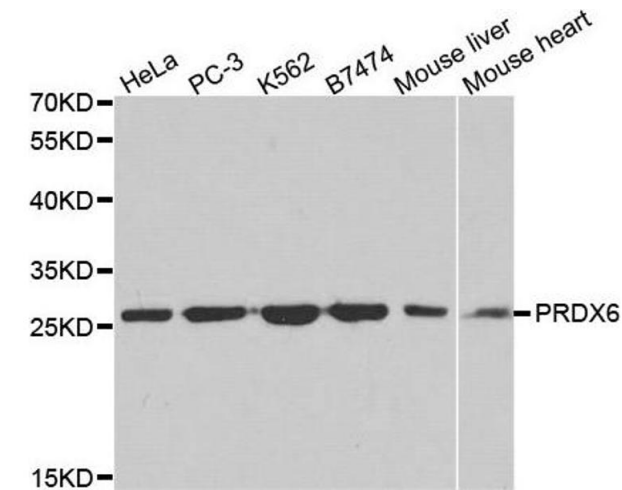
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using PRDX6 antibody.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells using PRDX6 antibody.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using PRDX6 antibody.